

CA Biosolids Use/Disposal, 2004

(All figures in metric tons, 100% dry weight basis)

Biosolids Generated: 715,500 dry metric tons

Class A: Land application

Composting: in California: 200,000 dmt
 in Arizona: 22,000
 on Tribal lands: 2200
 in Nevada: 2200
Total: 226,400 *

Thermophilic digestion: 72,000 directly land applied**

Alkali treatment: 44,000

Air drying/Alternative 4: 18,400

Total: 360,800 dry metric tons

Class A: ADC or final cover:

Air drying/Alternative 4: 73,000

Class B: Land application:

in CA: 55,000
in AZ: 75,000
in TL: 7,100
in NV: 1,100

Total: 138,200

Class B: ADC or final cover: 60,000**

Landfilling: 30,000**

Incineration: 20,100

Use in cement kiln: 5,000

Surface disposal: 18,400

Storage: 10,000**

Location of land application and composting operations

Class B:

| | |
|----------------------|------------|
| On city-owned lands: | 14,200 dmt |
| Lands in county: | 9,000 |
| Lands out-of-county: | 115,000 |

Class A (except for compost):

| | |
|----------------|---------|
| In county: | 8,400 |
| Out-of-county: | 126,000 |

Biosolids compost operations tonnage:

| | |
|----------------|---------|
| In county: | 17,100 |
| Out-of-county: | 209,300 |

Notes:

* Tonnage of incoming biosolids composted. Tonnage figures for final biosolids product are higher than this in many cases due to addition of greenwaste or other bulking agents.

** This is the tonnage directly land applied after thermophilic digestion. 82,000 dmt were thermophilically digested, of that 11,000 dmt were then composted

*** Numbers are rough estimates since not all facilities going to landfills, ADC, and storage need to file annual reports.